



Recommendation for Action

File #: 20-3209, **Agenda Item #:** 60.

10/1/2020

Posting Language

Approve a resolution authorizing the City Manager to apply for a grant from the Texas Water Development Board for up to \$4,450,000 from the Flood Infrastructure Fund for regional floodplain studies.

Lead Department

Watershed Protection Department

Fiscal Note

This item has no fiscal impact.

For More Information:

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Additional Backup Information:

The Watershed Protection Department is undertaking a program to re-study and update regulatory floodplains within the City's full-purpose jurisdiction and extending into its 2 and 5-mile extraterritorial jurisdictions (ETJ). The purpose of this program is to provide the most current flood risk information for the City of Austin and partnering communities in order to accurately assess flood risk and plan for flood risk reduction projects. This purpose will be satisfied by updating hydrologic models and analyses to incorporate new NOAA Atlas 14 rainfall data and by using the best available data (e.g., digital topographic data) and state-of-the-art hydrologic and hydraulic models. Within Austin's jurisdiction, floodplain limits will be redefined based on existing and fully developed conditions in the subject watersheds at a 64-acre drainage area scale.

There are portions of watersheds to be studied that are outside the City's jurisdictional boundaries. Since flooding does not recognize such boundaries and sound floodplain management would provide flood risk information for entire watersheds, it is the Watershed Protection Department's proposal to update flood risk information within our regional partner communities. Potential funding from the Texas Water Development Board (TWDB) Flood Infrastructure Fund (FIF) would enable and facilitate such an approach. In addition, FIF grant funding will be matched dollar for dollar by the City of Austin to successfully complete floodplain studies within our jurisdiction.

Below are lists of the watersheds, as well as the regional partners, that are included in the study areas proposed for grant funding from the TWDB FIF. The updated floodplain study program will include all of the watersheds within the City of Austin, which includes Onion Creek and all of its tributaries. The watersheds not listed in the table below are being funded by the Watershed Protection Department. We have had multiple discussions with our regional partners regarding this floodplain study effort. By doing so, the Watershed Protection Department has acted cooperatively with other political subdivisions to address flood control needs in the area in which the eligible political subdivisions are located. And in accordance with the 2020 TWDB Flood Intended Use Plan, all eligible political subdivisions substantially affected by the proposed floodplain study program have been invited to participate in the process of developing the program.

Watersheds	
Barton Creek	Fort Branch
Bee Creek	Gilleland Creek
Blunn Creek	Harper's Creek
Boggy Creek	Harris Branch
Bull Creek	Johnson Creek
Country Club Creek	Lake Austin Tributaries (North and
Decker Creek	Little Walnut Creek
Dry East Creek	Shoal Creek
Dry North Creek	Tannehill Branch
Eanes Creek	Taylor Slough
East Bouldin	Waller Creek
Elm Creek	Walnut Creek
West Bouldin	

Jurisdictions	
Austin	Manor
Bastrop	Mustang Ridge
Bastrop County	Pflugerville
Bee Cave	Rollingwood
Cedar Park	Round Rock
Creedmoor	Sunset Valley
Dripping Springs	Travis County
Hays County	Webberville
Lakeway	West Lake Hills

Strategic Outcome(s):

Safety.